DEVELOPMENT (1945) Department

Ms. SERIES.

G.O. No. 2066

Dated the 29th May 1945.

[Despatch Abstract.]

AGRICULTURE - Imperial Council of Agriculture Research - Dry Farming Research Scheme, Hagari, Madras - Purchase of buildings and certain articles left over - Sanctioned.

Agricultural Department.

From
Rao Bahadur B.Viswa Nath,
C.I.E., D.Sc., F.I.C.,
Director of Agriculture,
Madras.

To
The Additional Secretary to
Government, Development
Department, Madras.

1944 3586

No.B.4.1127-43 dated 16th June 1944.

Sir,

Sub: Imperial Council of Agricultural Research - Dry Farming Scheme - Hagari - Disposal of articles left over.

The Madras Dry Farming Scheme at Hagari was closed on 30th 1943. The following buildings constructed and articles chased out of the funds of the Imperial Council of Agricultural Research are available for purchase by the Provincial Government:-

(1) Buildings.

(vide statement A attached). Rs. 25,010--0--0

(2) Articles whose purchase price is more than Rs.100/-

(a) Heavy ~~expenditure~~ furniture. (vide statement B) 959--0--0

(b) Equipment and apparatus and Materials. (vide Statement C) 1,050--2-10

27,019--2-10
or 27,019--3--0

The above buildings and articles are absolutely necessary for this department and may be purchased. I request that the Government be pleased to accord sanction for the purchase of the above and to address the Imperial Council of Agricultural Research for necessary permission.

E List of books and articles whose purchase price is below Rs.100.

(1) Books. 309-13--0
(2) Stores, equipment and Laboratory articles. 2002-12--0

2312--9--0.

There are also necessary and will be purchased, payment being made by book adjustment.

2. Since funds have not been provided in the budget estimate for 1944-45, necessary provision will be made in the revised estimate for 1944-45.

3. Besides the above, there are the following articles belonging to the Imperial Council of Agricultural Research. These will be utilised for the council scheme of Dry Farming Development Research, Bellary, which is due to close in 1946. The question of their disposal will be taken up after the close of the scheme.

(vide Statement D) Rs. 384--0--

4. The following articles are not wanted by the Dr Farming Development Officer, Bellary and the Soil Physi Coimbatore.

(a) Articles whose purchase price is above Rs.100.

(vide Statement E) 1250--0-10

(b) Articles whose purchase price is less than Rs.100/-

Stores and laboratory articles.. 64--2--0

1314--2-10

or 1314--3--0

I am ascertaining if the above articles will be required by the other officers of this department and if required, I shall submit a further report in due course.

Your obedient servant,

for Director of Agriculture.

M.R.17.6.p

Sl No.	Name of the building.	Date of construction.	Cost of the building.	Average % decrease in current schedule of rates.	Present value of the building.	% of depreciation allowed.	No. of years.	Depreciation value.	Net value of the building.	Remakrs.
1.	Laboratory	6-11-'35	11,652	4%	11,186	1½%	9	1,423	9,763	
2.	Seed drying floor	do.	544	do	522	4%	9	160	362	
3.	Threshing floor	do	1,047	do	1,005	4%	9	309	696	
4.	Plot cultivation enclosure	3-2-'36	369	do	354	4%	8	99	255	These are required for the Agricultural Research Station, Hagari and will be acquired during 1944-45.
5.	Store and weighing room	do	2,325	do	2,232	2%	8	333	1,899	
6.	Pot culture house	do	498	do	478	4%	8	133	345	
7.	Steel staging with water tank.	10-3-'37	2,087	do	2,004	1%	7	136	1,868	
8.	Block of six quarters	9-1-'36	11,087	do	10,644	1%	8	822	9,822	
									25,010	

M.R.17.6.p

Buildings valued by the Executive Engineer, Bellary on 11.2.1944)

Statement

Above Rs.100/- each.

List of heavy furniture required for the Agricultural Research Station, Hagari for Laboratory equipment for cotton and millet work. These will be acquired at the present book value during the year 1944-45 after provision of funds.

Sl No.	Name of the article	Quantity.	Purchase price. Rs. a. p.	Present book value. Rs. a. p.	Date of purchase.	Rate of depreciation.	Remarks.
1.	T.W.work table with combination sink and drainer.	1	143 0 0	115-0-0	1935	2½%	These will be acquitted at book value during 1944-45
2.	T.W.Work tables 10' x 4' x 3'	2	407 0 0	326-0-0	"	"	
3.	Glazed almirahs, 6¼' x 6' x 1½'	5	500--0--0	400-0-0	"	"	
4.	Fume cupboard. L.4'-1" B.2'-10" Ht.8'-6"	1	148--0--0	118--0--0	"	"	
			1198--0--0	959--0--0 ✓			

M.R.17.6.p

Statement C

2

LIST OF IMPERIAL COUNCIL OF AGRICULTURAL RESEARCH ARTICLES

WHOSE PURCHASE PRICE IS OVER RS. 100.

rial No.	Name of Article.	Quality.	Purchase Price	Present value.	Date of Purchase.	Rate of Depreciation per year or use.	Nature of Disposal.
1.	Mellige Comparator with 8 discs & 8 bottles for indicators.	1 set	£ 14 0 0 Rs 186 10 0	Rs 45 15 11	11	10%	
2x 2.	Aluminium screw cap tins.	636	368 3 4	110 7 5	11	10%	
3.	Analytical balance bunge.	1	16 14 0 224 0 0	149 5 4	1	4%	
4.	Sun shine recorder.	1	~~363 6 0 363 0 0~~ → 363.6 -0-	327 0 7	16	2%	
5.	Assman's Psychrometer.	1	315 0 0	94 8 0	7	10%	
6.	Aluminium screw cap tins.	211	108 13 11	32 10 6	11	10%	
7.	Do.	200	115 10 0	69 6 0	16	10%	
8.	Soil Samplers (King's).	4 sets	157 9 0	47 1 10	11	10%	
9.	Trollies.	2	152 2 0	60 5 11	11	10%	
10.	Steam ovens	2	17 0 0 226 10 8	113 5 4	24	6½%	

1050 2 10
or 1050-3-0

K.M. 18.p.6.

Statement

Articles to be permitted to be used in the current temporary I.C.A.R Scheme of Dry Farming Developmental Research which is due to close in the year 1946. The disposal of these articles may be taken up after the close of the current scheme in which they are at present being utilised.
I.C.A.R to be addressed for permission to use these articles till 1946.

Sl No.	Name of the article.	Quantity.	Purchase price. Rs.a.p.	Present book value. Rs.a.p.	Date of purchases.	Rate of depreciation.
1.	Office clock	1	15--0--0	5--0--0	1936	10%
2.	Call bell	1	1--0--0		"	"
3.	Sparling padlocks.	6	19-11--0	6--0--0	"	"
4.	Petromax light..	1	14-10--0	6--0--0	1937	"
5.	Despatch box	1	30-0-- 0	12--0--0	"	"
6.	Table book cases	3	6--9--0	4--0--0	1939	"
7.	T.W.Revolving chair	1	45 0 0	27 0 0	1935	5%
8.	T.W.Typewriter chair	1	8 0 0	5 0 0	"	"
9.	T.W.Queen Anne Arm chairs	2	24 0 0	14 0 0	"	"
10.	T.W.Table with 4 drawers	1	55 0 0	33 0 0	"	"
11.	T.W.clerk's table 4'x2½' x 2½'	1	30 0 0	18 0 0	"	"
12.	T.W.Typewriter table	1	36 0 0	22 0 0	"	"
13.	T.W.side racks.	2	22 4 0	13 0 0	"	"
14.	T.W.Stationery cabinets	2	8 8 0	6 0 0	1936	"
15.	T.W.Rattan seated chairs	3	21 0 0	14 0 0	"	"
16.	T.W.Bench 6' x 1½' x 1¼'	1	10 0 0	7 0 0	"	"
17.	Typewriter (Remington No.16 (much used).	1	388 7 0	144 0 0	1934	7%
18.	Drill cloth bags (much used)	371	158 14 0	48 0 0	1936	10%
	Total.		893 15 0	384 0 0 ✓		

Statement E

List of Imperial Council of Agricultural Research Articles whose purchase price is over Rs.100.

Sl No.	Name of article.	Quality.	Purchase price. £ s d	Purchase price. Rs. a. p.	Present value. Rs. a. p.	Date of purchase.	Rate of depreciation per year or use.	Natu of dis po sa
11.	Wagner's shaking apparatus.	2	17 0 0	226 10 8	147 5 3	27-3-'36	5%	
12.	Silver lite gas plant types.Model Deluxe 140 c.ft. gas/hr.	1		1710 0 0	1026 0 0	6-5-'37	6.2/3%	
13.	Burners 15 Roseheads 6 Blow pipe 1	22		127 14 0	76 11 7	6-5-'37	6.2/3%	
					1250-0-10 ✓			

Rwise
6/7/44 2nd
10/7
66/10/7

11 Dev Dept

OM. No. 35863 N-II/44-1 dt 10-7-44

Sub:- Agri - I.C.A.R - Dry Farming Research Scheme, Hagari - Articles etc left over - Disposal of

Ref:- Lr from the Addl. Dy. Secy. to Govt. No. B-4-117-43 dt 16-6-44

The attention of the GA is invited to the letter No F. 114 (3)/44-C dt 20-6-44 received from the I.C.A.R. (Copy enclosed) Communicating revised instructions regarding the disposal of articles left over from the schemes financed by the Council. He is requested to submit revised proposals in view of these for the disposal of articles left over on the termination of the Dry Farming Scheme

7/7/44

6/7/44

7/8/44

P/1 2-C-7

LIST NO.I - Buildings and cons ructi

(Dry Farming station, Bellary P.O. - M

Sl.No.	Name of the building.	Year of construction.	Cost of the building in rupees.	Average % decrease in current schedule of rates.	Present value of the building	Percentage of depreciation allowed.	Number of years.	Depreciation value.	Net value of the building.	Remarks
1.	Laboratory.	1935	11,652	4	11,186	1½	9	1,423	763	
2.	Seed drying floor	1935	544	4	522	4	9	160	362	
3.	Threshing floor.	1935	1,047	4	1,005	4	9	309	696	
4.	Plot cultivation enclosure.	1936	369	4	354	4	8	99	255	required fo
5.	Store and weighing room.	1936	2,325	4	2,232	2	8	333	899	the Agricul
6.	pot culture house.	1936	498	4	478	4	8	133	345	tural Resea
7.	~~Steel staging with water tanks~~	1937	2,087	4	2,004	1	7	136	868	station, Be
8.	Block of 6 quarters.	1936	11,087		10,644	1	8	822	822	lary.
								Total	25,010	

(Buildings valued by the Executive Engineer, Bellary on 11-2-1944)

X Separately detached with

LIST III- STATIONERY AND OFFICE EQUIPMENT (ABOVE Rs.100/- EACH)
(Dry Farming Station, B e l l a r y - Madras)

Sl.No.	Name of the article.	Quantity.	Purchase Price. Rs. A. P.	Present value. Rs. A. P.	Year of purchase	Rate of depreciation per year per cent.	R
	Teakwood work table with combination sink and drainer.	1	143 0 0	115 0 0	1935	2½	
	Teakwood work table 10ft x 4ft x 3 ft.	2	407 0 0	326 0 0	1935	2½	
	Glazed almirahs 6½' x 6' x 1½'	5	500 0 0	400 0 0	1935	2½	
	Fume cupboards 4'1" x 2'10" x 8'6"	1	148 0 0	118 0 0	1935	2½	
			Total.	959 0 0			

1 set	186	10	3	45	15	11		1936
636	368	3	4	110	7	5		1936
1	224	0	0	149	5	4		1936
71	363	3	6	303	0	7		1939
1	315	0	0	94	8	0		1936
211	103	13	11	33	10	6		1936
200	115	10	0	69	0	0		1939
4 sets	157	9	0	47	1	10		1936
2	152	8	0	60	5	11		1937
2	220	10	8	113	5	4		1935
2	226	10	8	147	5	3		1936
1	1710	0	0	1026	0	0		1937
22	127	14	0	76	11	7		1937
2	23	0	0	4	9	7		1935
1	97	0	0	15	8	3		1936
1	95	8		62	1	2		1936
1	39	3		21	5	11		1941
2	58	0		17	6	5		1936
1	14	0		4	3	2		1936
1	14	0		4	3	2		1936
1	40	1	0	12	0	4		1936
1	40	0	0	12	0	0		1936
Ger 1	2	3	0	1	8	0		1939
y 2	43	9	6	14	9	3		1936

M. le Ministre m'a demandé si j'avais

1.	2.	3.	4.	5.	6.
25.	Water taps, swan neck 1 way.	1	14 6 4	4 5 0	1936
26.	do. small ordinary.	2	7 6 8	2 3 7	1936
27.	Gas taps - 4 way.	2	16 3 2	4 13 9	1936
28.	Gas taps - 2 way.	5	29 14 4	8 15 6	1936
29.	Desiccator 12" dia.	2	16 0 0	18 0 0	1936
30.	do 18" dia.	1	15 1 9	16 0 8	1937
31.	Porcelain plate for above.	1	7 14 3	3 2 6	1937
32.	Desiccator with tubulure at side, vacuum.	2	37 9 0	11 4 4	1936
33.	Desiccator with porcelain plate.	1	19 7 0	9 11 6	1938
34.	Stohmann's flask 1000 c.c.	10	32 0 0	16 0 0	1933
35.	Potash basins. 7 cm.	5	2 13 0	1 2 0	1937
36.	Potash basins 7.5 cm.	5	1 10 2	0 10 7	1938
37.	Beakers. 150 c.c. pyrex.	4	2 13 0	0 13 6	1936
38.	Beakers 250 c.c. pyrex.	28	37 6 5	11 3 6	1936
39.	Measuring cylinders 1000 c.c. with rubber bangs.	6	50 3 4	15 1 0	1936
40.	Filter Flasks 1 litre.	3	6 0 0	1 12 10	1936
41.	Filter flasks Bohemian glass.	1	2 8 2	1 10 1	1940
42.	do. Pyrex glass.	2	3 8 6	5 11 6	1940
43.	Buchner funnels 15 c.m.	4	24 0 0	7 3 2	1936
44.	Petrol tins.	6	4 0 0	1 9 7	1937
45.	Big sized burners.	6	30 0 0	12 0 0	1937
46.	Titration bench	1	25 0 0	20 0 0	1939
47.	Claesson's distillation flask 100 c.c.	2	21 2 0	8 7 3	1937
48.	Flexible metallic steel tube.	4	6 0 0	1 8 0	1939
49.	Gas tap 3 way.	1	6 8 0	3 4 0	1939
50.	Soap trays.	2	1 2 0	0 3 6	1936
51.	Lead weights.	3	3 8 0	2 7 2	1937
52.	'Y' tubes small	3	0 4 5	0 1 9	1937
53.	'Y' tubes big.	3	1 2 7	0 7 6	1938
54.	'T' tubes big.	3	1 2 7	0 7 6	1937
55.	Teakwood burrette stand for 12 burettes.	1	6 10 8	4 5 3	1936
56.	Stoneware pots 10" x 10	1	3 6 0	1 0 2	1936

1.	2.	3.	4.	5.	6.	7.	8.
57.	Glazed cylindrical pots 10" x 10"	38	84 3 9	25 6 1	1936	10	Siruguppa
58.	Woulfe's bottle 2 necked.	1	2 9 0	1 0 5	1937	10	do.
59.	Winchester quart bottles 100 oz.	16	28 8 11	11 6 9	1937	10	do.
60.	do. do. 80 oz.	6	10 10 0	4 4 0	1937	10	do.
61.	do. do. 2 litres.	7	7 12 0	6 15 7	1942	10	do.
62.	Teak wood stands for drainage experiments.	5	17 8 0	0 8 0	1939	10	do.
63.	Porus plates unglazed.	6	2 0 0	2 12 10	1937	10	Soil P
64.	Teak wood stand for Co.2	1	2 8 0	1 12 0	1937	5	do.
65.	Wooden hammer.	1	0 6 0	0 4 10	1939	5	do.
66.	Compressed cork ring.	1	1 4 0	0 8 0	1937	10	do.
67.	Two way distribution Y (brass)	3	12 0 0	4 8 6	1937	10	do.
68.	Improved foot bellows.	1	30 0 0	8 0 0	1937	10	do.
69.	Cork presser-wheel pattern.	1	4 10 8	3 0 6	1936	5	do.
70.	Nickel spatula with spoon.	2	1 8 0	1 0 10	1937	5	do.
71.	Tripoed stands 8" ht.6" dia.	6	5 0 0	1 8 0	1936	10	do.
72.	do. 6" ht. 4½" dia.	4	2 0 0	0 12 10	1937	10	do.
73.	Retort stands 24" x 8" x 5"	3	8 13 4	2 10 5	1936	10	do.
74.	do. 36" x 15" x 6"	3	4 8 0	1 12 10	1937	10	do.
75.	do. 18" x 6" x 5"	3	3 8 0	1 0 10	1936	10	do.
76.	do. rings 4¼"	3	2 8 0	0 12 0	1936	10	do.
77.	do. do. 3¼"	3	2 0 0	0 9 7	1936	10	do.
78.	do. do. 2¼"	3	1 13 4	0 8 9	1936	10	do.
79.	Retort stand clamps with double boss heads No.1	3	3 8 10	1 1 0	1936	10	do.
80.	do. jaws 3¼"	3	6 10 8	2 0 0	1936	10	do.
81.	do. No.2	3	5 13 4	2 5 4	1937	10	do.
82.	do. No.3	3	6 14 3	2 13 0	1937	10	do.
83.	do. without boss heads	3	8 1 0	4 13 5	1939	10	do.
84.	do. No.527	3	7 13 3	2 3 7	1936	10	do.
85.	Glass troughs 14" dia.6" ht.	2	17 7 0	8 11 6	1938	10	do.
86.	Flexible metallic copper tube.	2yds.	5 0 0	1 4 0	1938	15	do.
87.	Water bath rings copper 8 per set.	2 sets	7 5 4	2 3 2	1937	10	do.
88.	Calcium chloride tubes with 1 bulb.	6	1 0 0	0 8 0	1938	0	do.
89.	Graham's condensor.	4	4 14 0	2 7 0	1938	0	do.
90.	Pallette knives 20c.m.	3	4 8 0	2 14 10	1936	5	do.
91.	Diamond pencil	1	6 8 0	0 10 5	1937	5	do.

1.	2.	3.	4.			5.			6.	7.
92.	Shocking medical coil.	1	6	0	0	4	8	0	1938	5
93.	Nickel spatula.	3	2	13	4	1	13	6	1936	5
94.	Binding screws big.	6	1	8	0	1	2	0	1938	5
95.	do. small.	6	1	2	0	0	13	6	1938	5
96.	Palette knives vulcanite.	3	2	2	8	1	6	6	1936	5
97.	Wire gauge iron 6" x 6"	6	1	3	8	0	3	9	1936	12
98.	Funnel stands for two funnels	6	22	0	0	6	9	7	1936	10
99.	Test tubes - pyrex.	5	1	2	4	0	9	2	1938	10
100.	T.T. stand with 8 draining pegs.	1	1	11	6	0	8	3	1936	10
101.	Copper funnel.	1	0	14	3	0	4	3	1936	10
102.	Seamless boxes brass 2¼" x 1¼"	24	10	0		9	13	7	1937	5
103.	Deal wood trays	2	0	10	0	0	4	0	1937	10
104.	Iron stands for Kjeldhall digestion	2	8	0	0	3	3	2	1937	10
105.	Iron stand for decimal balance 2½' x 2½' x 2½'	1	8	8	0	3	6	5	1937	10
106.	Tongs 9" x 0.750	3	3	0	0	0	14	5	1936	10
107.	Iron stand with teak wood planks for pot culture experiment.	4	46	0	0	18	6	5	1937	10
108.	F.P. Porcelain basis 14 cm.	3	7	8	0	2	4	0	1937	10
109.	Test tube good quality.	12	0	10	0	0	6	0	1939	10
110.	Measuring cylinder 1000 cc	2	5	10	8	1	12	2	1936	10
111.	Measuring cylinder 250 cc.	1	1	9	9	0	7	11	1936	10
112.	do. 100 cc.	2	1	14	3	0	9	1	1936	10
113.	do. 50 cc.	1	0	13	4	0	4	0	1936	10
114.	do. 10 cc.	5	3	3	0	0	13	3	1936	10
115.	Kaylliers basins 5 cm.	5	2	15	0	1	2	10	1937	10
116.	do. 9 cm.	3	2	13	0	1	2	0	1937	10
117.	Burette glass stappered 50 cc.	4	11	10	8	3	9	0	1936	10
118.	Burette two way stop cock	2	8	7	3	4	3	8	1938	10
119.	Burette stoppers broken but useful as rubber stopped ones.	4	14	14	7	2	15	9	1939	16
120.	Burette clips big.	12	7	8	0	3	0	0	1937	10
121.	do. small	8	5	0	0	2	0	0	1937	10
122.	Pinch cocks.	8	1	13	4	0	11	9	1937	10
123.	Filter pump Mortings.	2	20	0	0	3	3	2	1936	12
124.	do. Finkner	1	2	12	0	1	2	0	1937	10
125.	do. German.	1	2	8	0	1	0	0	1937	10

2.	3.	4.	5.	6.	7.	
26. Aspirator bottles 4½ litres.	1	3 10 8	0 9 4	1936	10	Soil Ph.
27. do. 4 do.	4	14 8 6	7 4 3	1938	10	do.
28. Buchner funnels. 4.25 cm.	6	13 0 0	3 14 5	1936	10	do.
29. Magneto Lucas.	1	8 0 0	4 0 0	1939	10	do.
30. Beakers - 1000 c.c.	3	4 14 3	1 7 6	1936	10	do.
31. do. 600 c.c.	11	11 10 0	3 7 10	1936	10	do.
32. do. 400 c.c.	14	12 7 0	3 11 8	1936	10	do.
33. do. tall form 250 c.c.	17	8 8 0	2 8 10	1936	10	do.
34. Silica crucibles with lids.	2	6 11 6	2 11 0	1937	10	do.
35. Silica crucibles with lids.	2	10 8 10	7 6 2	1940	10	do.
36. Pipe clay triangles.	6	0 11 7	0 1 2	1937	15	do.
37. Conical flasks. 250 c.c.	6	4 0 0	1 3 2	1936	10	do.
38. do. 500 cc.c	11	9 12 6	2 14 11	1936	10	do.
39. do. 750 c.c.	19	21 15 4	13 9 3	1936	10	do.
40. Glass funnels 5cm.	7	1 11 8	0 8 4	1936	10	do.
41. do. 6.5 cm.	9	2 15 3	0 14 2	1936	10	do.
42. do. 7.5 cm.	10	4 2 8	1 4 0	1936	10	do.
43. do. 9 cm.	8	5 12 4	1 2 1	1936	10	do.
44. Narrow mouth bottles 360 c.c.	1	5 3 4	1 9 0	1936	10	do.
45. do. 500 cc.	10	6 1 9	1 13 4	1936	10	do.
46. do. labelled HCL 360 cc	3	2 15 1	0 14 2	1936	10	do.
47. do. labelled H_2SO_4	2	1 15 5	0 9 5	1936	10	do.
48. do. labelled HNO_3	3	2 14 3	0 13 10	1936	10	do.
49. do. bottles 3 litres.	5	11 7 9	3 7 0	1936	10	do.
50. Beljar 30 cm. ht. dia. 20 cms.	1	7 5 4	2 3 2	1936	10	do.
51. do. with tubulure at top	2	26 10 3	7 15 0	1936	10	do.
52. do. 30 cm. dia. and 15 cm. ht	2	7 0 0	2 1 7	1936	10	do.
53. Round bottomed flasks 1000 cc. 1.68	3	6 11 6	2 11 0	1937	10	do.
54. do. 1500 cc.	3	25 15 3	10 6 3	1936	10	do.
55. Flat bottomed flasks 1000 cc.	6	9 5 9	2 12 11	1936	10	do.
56. do. 1.56-500 cc.	6	6 3 10	2 7 11	1937	10	do.
57. do. 0.63 - 250 c.c.	3	2 3 4	1 0 2	1937	10	do.
58. Enamel basins.	2	1 10 0	0 8 7	1937	15	do.
59. Burette clamps for 6 burettes.	1	7 14 3	5 8 5	1937	5	do.
60. Burette - stands without clamps		11 6 3	7 15 7	1937	5	do.
61. Oil cloth for gas plant.	1	1 6 0	0 1 9	1937	15	do.
62. Pl steel balance with case.		91 10 8	54 15 11	1935	5	do.
63. Weight box 1 m.gm. to 100 gms		26 10 6	17 5 3	1936	5	do.
64. Squat form weighing bottles.	13	57 12 7	17 5 4	1936	10	do.
65. Copper water bath with extra glass parts.	2	62 0 0	18 9 7	1936	10	do.
66. [illegible]						

2.	c.	4.	5.	6.
167. Kjeldahl flasks - 600 cc.	9	5 11 7	5 7 10	1937
168. Aluminium scoops 2 1/3"	2	1 6 6	0 15 9	1937
169. do. 3 ¾"	2	2 2 6	1 8 1	1937
170. Agate mortar and pestle.	1	7 8 0	6 6 0	1940
171. Bulb safety for discharging into flasks.	10	6 3 10	2 7 11	1937
172. Distillation flask horse with safety valves.	6	11 13 4	4 11 8	1937
173. Condensor liebigs 60 cms.	1	1 10 8	0 8 0	1936
174. do. 45 cms.	2	5 9 6	2 3 3	1937
175. do. 60 cms.	1	3 5 4	1 0 0	1936
176. do. G.I. small.	6	1 14 0	0 15 0	1939
177. do. big	3	1 8 0	0 9 7	1937
178. Galvanised iron tubes. 1ft.	12	4 3 0	2 4 0	1938
179. Filter flasks 250 cc.	6	6 0 0	1 12 10	1936
180. Calcium chloride tower 16"ht X 2½"	1	3 5 4	2 2 6	1936
181. Crucibles and covers glazed 2.6 cms	6	2 15 5	1 2 11	1937
182. Goosh crucibles 2.7 x 3.0 cms.	3	3 8 0	1 6 5	1937
183. do. 1½"	3	3 0 0	1 3 2	1937
184. do. 3.8 cms.	3	4 2 4	2 14 5	1940
185. Glass adaptors for above.	3	1 14 0	0 12 0	1937
186. Rubber rings for the above.	3	1 8 0	0 9 7	1937
187. Porcelain crucible.	6	5 12 6	4 0 8	1940
188. G.I. Evaporimeters.	12	37 4 0	5 15 4	1936
189. Brass tube with piston arrangement.	1	5 10 0	1 11 0	1936
190. Supre glass tubes for above.	6	2 4 0	0 14 0	1936
191. Iron wind screens.	5	2 15 0	0 14 3	1936
192. Evaporimeter piche.	1	12 8 0	3 12 0	1936
193. Kipp's apparatus. 500 cc.	11	16 10 0	4 12 10	1936
194. Measuring flask. 1000 c.c.	12	24 10 8	9 13 9	1937
195. do. 500 cc.	6	11 3 7	4 7 9	1937
196. do. 250 c.c.	3	4 10 8	1 13 5	1937
197. do. 100 c.c.	6	5 15 1	2 6 0	1937
198. Stop cocks. 9" long 6 mm bore.	6	24 0 0	9 9 7	1937
199. do. 2 mm bore.	6	12 0 0	4 12 10	1937
200. do. 'T' pattern	6	16 0 0	6 6 5	1937
201 ottles glass stoppered wide mouthed 250 cc	6	2 15 1	0 14 0	1936
202. do. 360 cc	21	13 6 8	4 0 5	1936
203. do. 500 cc	6	2 0 10	0 9 10	1936

		3.	4.	5.	6.	7.	8.
204.	Dropping bottle - white.	1	0 4 3	0 9	1937	10	Soil Phys
205.	Nessler glass - two marks.	18	24 12 0	7 5 2	1936	10	do.
206.	Sieves 2 mm.	1	4 2 8	2 9 9	1936	5	do.
207.	do. 1 mm	1	4 2 8	2 9 9	1936	5	do.
208.	do. 100 meshes.	2	8 5 4	5 3 6	1936	5	do.
209.	Nessler tube stand.	1	3 12 0	1 2 0	1936	10	do.
210.	Wash bottles with ground in stopper.	2	5 8 0	1 10 5	1937	10	do.
211.	Morter and pestle porcelain.	1	2 7 1	1 9 5	1936	5	do.
212.	Cork borer apparatus with 15 borers.	1	54 0 0	35 1 7	1936	5	do.
213.	Cork borer sharpener.	1	2 5 4	1 8 2	1936	5	do.
214.	Cork screw and tin cutter,	1	0 7 0	0 6 4	1941	5	do.
215.	Copper electrodes.	4	3 7 0	2 9 3	1936	5	do.
216.	Water bath, copper six holed.	1	40 0 0	12 0 0	1936	10	do.
217.	do. covers, glazed 9 per set	2	12 7 1	8 1 3	1936	5	do.
218.	Box wood rule, half meter.	1	1 0 0	0 10 5	1936	5	do.
219.	Flat bottom porcelain basins 8.5 cms.	21	20 2 0	6 1 2	1936	10	do.
220.	Steel rule, 1 foot long.	1	1 8 0	0 15 7	1936	5	do.
221.	Thermometers. 10° to 150° C	1	3 8 0	1 0 9	1936	10	do.
222.	do. 0 to 360°C.	1	3 5 4	1 0 2	1936	10	do.
223.	do. 0 to 200°C	2	4 10 8	2 5 4	1936	10	do.
224.	do. Emmpax Paper scale. 0 to 100°C	1	1 8 0	0 7 2	1936	10	do
	do. 0 to 110°C	1	1 12 0	0 8 5	1938	10	do
225.	Sylica basins 2½"	6	15 12 5	4 11 7	1937	10	do
226.	do. 3½"	6	21 0 10	6 4 10	1936	10	do
227.	Pipettes. 5 c.c.	3	1 0 0	0 4 10	1936	10	do.
228.	do. 10 c.c.	3	1 2 8	0 5 7	1936	10	do.
229.	do. 20 c.c.	3	1 8 0	0 7 2	1936	10	do.
230.	do. 25 c.c.	3	1 10 8	0 7 11	1936	10	do.
231.	do. 50 c.c.	3	2 2 8	0 9 8	1936	10	do.
232.	do. 100 c.c.	3	3 0 0	0 14 5	1936	10	do.
233.	do. graduated 5 cc.	3	3 0 0	0 14 5	1936	10	do.
234.	do. 2 way mechanical anlysis 20 cc	1	7 0 0	2 12 10	1937	10	do.
235.	Flexible steel rule.	1	4 11 6	3 0 10	1937	5	do.
236.	Purette stand for two burettes.	1	15 12	10 3 9	1939	5	do.
237.	Flat bottomed procelain basins. 20.5cms	2	11 7 0	3 6 11	1936	10	do.
238.	Watch glasses 5 cms.	10	0 13 4	0 4 4	1936	10	do.
239.	do. 7.5 cms.	11	1 5 8	0 6 4	1936	10	do.
240.	do. 9 cms.	10	1 8 5	0 7 4	1936	10	do.
241.	do. 10 cms.	37	7 14 5	3 9 1	1936	10	do.

Returned to Agricultural Chemist for Library

1.		3.			5.			6.	
243.	Watch glasses 15 cms.	10	4	1	9	1	6	1936	10
244.	Ground glass covers. 7.5 cms.	12	0	0	8	0	8	1936	10
245.	do. " 9 cms.	7	0	0	9	0	6	1936	10
246.	do. " 10 cms.	10	0	0	4	0	4	1936	10
247.	do. " 15 cms.	10	2	0	7	0	10	1936	10
248.	Nasal scissors. "	1	0	0	7	6	0	1936	10
249.	Aluminium pie dishes. 10"	6	12	1	0	3	0	1937	10
250.	Screw top bottles. 2 lbs.	134	38	4	3	19	2	1936	10
251.	U tubes with stop cocks $4\frac{1}{2}$"x$\frac{1}{2}$"	12	24	0	0	7	3	1936	10
252.	Stone ware parts 5" x 5"	1	2	0	0	0	9	1936	10
253.	Soil samplers without hammer.	2 sets	66	3	0	16	8	1938	15
254.	Graduated jar plain top 1000 cc. with rubber bungs.	3	25	2	6	7	8	1936	10
255.	Copper constant thermo-couple meter long dia.37mm(without galvanometer)	1	8	1	0	4	1	1938	10
256.	Photo printing frame- half plate size $6\frac{1}{4}$ x $4\frac{1}{2}$ "	1	2	0	0	2	5	1941	10
257.	Developing dish celluloid $9\frac{1}{2}$ x $7\frac{1}{2}$"	1	1	0	0	1	6	1941	10
258.	Teakwood erosion frames 72" x 24" x 4"	2	30	11	10	24	9	1941	10
259.	Pocket lens - carziese - X10 in bakelite casing.	1	15	8	0	9	3	1935	5
260.	Kropp razor - non-hallow ground	1	3	5	0	9	8	1938	5

LIST NO.IV - BOOKS.

(Dry Farming station, Bellary, Madras)

Name of Book.	Author.	Purchase price.	Present price.	Year of purchase
2.	3.	4.	5.	6.
Determination of H. ions.	Clark.	15 13 4	9 8 0	1935
Physical properties of soil.	Keen B.A.	10 0 0	6 0 0	1935
Soil conditions and plant growth.	Russel E.	10 0 0	6 0 0	1935
Tables of physical and chemical constants.	Kaye.	6 10 8	4 0 0	1935
Manual of agricultural chemistry	Ingle H.	6 10 8	4 0 0	1935
Agricultural geology.	Rastall	4 10 8	2 13 0	1935
Systematic qualitative analysis.	Caven.	2 8 0	1 8 0	1935
The analyst's laboratory companion	Thomson A.E.	5 8 11	3 5 5	1935
Physico-chemical methods.	Reilley & Rae	18 10 8	11 3 2	1935
Mathematical and physical tables.	Clark F.B.	0 6 3	0 3 9	1935
Soils, characteristics.	Emerson.	8 0 0	4 12 10	1935
Soils, their formation, composition and relation to climate and plant growth in humid and arid regions.	Hilgard	11 1 4	6 10 5	1935
Geology of India.	Wadia.	9 8 0	5 11 2	1935
Laboratory manual of colloid chemistry.	Holmes.	8 7 1	5 1 1	1935
Soil physics and management.	Misser & Gustafson.	6 4 5	3 12 3	1935
pH and its application.	Read L.M.	7 11 7	4 10 2	1935
Colloid symposium Vol.III.	Monograph.	17 14 3	10 10 9	1935
Official and tentative methods of analysis of the association of official agricultural chemists.	A.O.A.C.	18 10 8	11 3 2	1935.
Principles of agrobiology.	Oswin Wilcox.	11 0 11	6 10 2	1935
Soil analysis. A hand book of physical and Chemical methods.	Wright.	6 4 5	3 12 3	1935

required by Agri. Chemist
Kapur 4 Khosla

	3.		4.			5.		
21. Aims and methods in the study of vegetation.	Tansley & Chip.	7	8	0	4	8	8
22. Scientific study of the soil.	Cumber.	3	15	0	2	5	10
23. An introduction to the biochemistry of Nitrogen conservation.	Fowler G.O.	6	9	9	3	15	6
24. Analytical chemistry, Vol.II.	Treadwell & Hall	15	13	4	9	8	0
25. Advanced practical physics.	Worsnop & Flint.	10	8	0	6	13	2
26. General physics.	Edger.	4	8	0	2	14	10
27. Electricity in home and farm.	Wright.	6	9	9	4	4	9
28. Structure and properties of matter.	Brisco.	11	3	8	7	4	0
29. Weather and agriculture.	A. W. Henry.	1	4	0	0	13	0
30. General properties of matter.	Pearl and Newman	9	0	0	5	13	7
31. Organic chemistry. parts 1 & 2	Perkin & Kipping	4	4	5	2	12	5
32. do. part 3	do	3	0	0	1	15	2
33. Dictionery of scientific terms.	Henderson W.T.	8	11	7	4	13	0
34. Methods of statistics.	Fisher R.H.C.	7	2	6	3	15	0
35. Glossary of botanic terms.	Jackson B.D.	7	8	0	4	2	0
36. Principles of genetics.	Sinnott & Dunn	11	3	7	6	3	0
37. Plant physiology.	Miller E.C.	22	7	1	12	5	0
38. Text book of plant physiology.	Maximove N.A.	12	13	4	7	1	0
39. Environment for plant development	Lundegardh & Ashby.	12	10	3	6	15	0
40. The plant in relation to water.	Maximove N.A.	11	0	0	6	1	0
41. Virus diseases of plants.	John Hopkins Pr.	3	0	0	1	10	0
42. Recent advance in plant physiology.	Barton Wright.	10	2	6	5	9	0
43. Plant ecology.	Weaver & Clements	16	0	0	9	10	0
44. Root development of field crops.	Weaver J.E.	9	9	9	5	12	0
45. Physiological plant anatomy.	Haberlandt.	24	4	11	14	0	0
46. Methods in plant histology.	Chamberlain C.A.	7	0	11	4	13	0
47. Madras detailed standard specification Vol. I.	Government publication.	5	0	0	3	0	0
48. Addenda volume to the above with bridges plan.	Government publication.	3	0	0	1	13	0
49. Agricultural geology of India.	Sahasrabudhe I.L.	1	8	0	0	14	0
50. Five figure logarithms.	Castle.	0	10	8	0	6	0
51. The cultivated races in Sorghum.	Snowden.	~~0~~	~~0~~	~~0~~			
52. The design of experiments.	Fisher R.A.	7	13	4	3	13	0
		5	10	8	3	11	0

53. Biological processes, in tropical soils.	Steaven Gerberett	3	5	4	2	3	0	1936	5	Hagari.
54. Organic manures (techl. communication No.33)	Jenkins S.H.	1	0	0	0	10	0	1936	5	do.
55. Vernalization and phasic development of plants Bulletin No.17	--	6	0	0	3	14	0	1936	5	do.
56. Plant sociology.	Fuller G.D. and Conard.	14	7	1	9	6	0	1936	5	do.
57. Protoplasm	Seifriz W.	19	3	6	12	0	0	1936	5	do.
58. Introduction to plant enotomy.	James & Mac Daniel	11	3	7	7	5	0	1936	5	do.
	Total.				309	12	6			

Grants for Hagari Station
See p376below

Articles to be permitted to be used in the current temporary ... scheme of Dry Farming Level ...
Research which is due to close in the year 1946. The ... of these articles may be t...
after the close of the current scheme in which they ... esent being utilised.

(The Imperial Council of Agricultural Research to be addressed ... mission to use these articles ...
(Dry Farming station, Kellery, ... s.)

Name of the article.	Quantity.	Purchase price	Present price.	purchase.	Percentage of dep... per year.
Office clock.	1	15 0 0	5 0 0	1936	10
Sperling padlocks	6	19 11 0	6 0 0	1936	10
Petromax light.	1	14 10 0	6 0 0	1936	10
Despatch box.	1	30 0 0	12 0 0	1937	10
Table book cases.	3	6 9 0	4 0 0	1939	10
Teakwood revolving chair.	1	45 0 0	27 0 0	1935	5
Teakwood typewriter chair.	1	8 0 0	5 0 0	1935	5
Teakwood queen anne arm chair	2	24 0 0	14 0 0	1935	5
Teakwood table with four drawers	1	55 0 0	33 0 0	1935	5
Teakwood clerk's table 4' x 2½' x 2½'	1	30 0 0	18 0 0	1935	5
Teakwood typewriter's table.	1	36 0 0	22 0 0	1935	5
Teakwood side racks.	2	22 4 0	13 0 0	1935	5
Teakwood stationery cabinet.	2	9 9 0	6 0 0	1936	5
Teakwood revolving seated chairs.	3	21 0 0	14 0 0	1936	5
Teakwood bench 6' x 1½' x 1½'	1	10 0 0	7 0 0	1936	5
Motor lorry Registration No.16 ... mile usage.	1	393 7 0	144 0 0	1934	7
Drill cloth bags, ... used.	371	158 14 0	48 0 0	1936	11
			Rs. 384 0 0		

Letter No 35863 A II/44 – 4 Dy 30-100

To

The Secretary, I.C.A.R., New Delhi

(Attention)

Memo No. dtd 2.11.44

Sir,

Sub:– Agri – I.C.A.R – Dry Farming Research Scheme, Madras – Termination – Disposal of articles left over.

Ref:– Your letter No F. 114 (1)/ – Dy 26.6

I am directed to enclose herewith five lists of buildings and articles of the I.C.A.R. which have become surplus after the close of the Dry Farming Research Scheme, Madras in June 1943. The Director of Agriculture, Madras has stated that all the buildings and articles in the lists I to IV except the five articles – Serial Nos 11 and 255 & 258 in the list II – are required by the Madras Agl. Dept and that the I.C.A.R might dispose them We has further stated that there are a few other articles of stationery and office equipment of value below Rs 100/– each with a total present value of Rs. 9-2-5/– only and these articles are also required by the Agl. Dept ~~The articles not required by the Agl. Dept and by the I.C.A.R will be sold in public auction and the sale proceeds will be credited to the Govt.~~

The A.D. has been asked to explain in detail the necessity for the purchase of the buildings for the use of the Agl. Dept and other articles. Meanwhile I am to request

~~If satisfied that~~ the G of I may be given the first refusal in respect of the buildings and the articles which are surplus to the requirements of the I.C.I.R. or which may become so in the near future.

2. As regards the articles in the list No. V I am to state that they are required for the G.I.R. Scheme of Dry Farming Development Research which is to terminate in March 1946 and to request that the Council may permit their use in connection with that Scheme. The question of the disposal of these articles may be taken up after the close of this Scheme.

Yours faithfully,

for Secretary to Government.

O M No 35863 B II/44-5 dt 30-10-44

Subj:— Agri. I.C.A.R. - Dry Farming Research Scheme, Madras, Termination of - Disposal of articles left over.

Ref. Letter from the DA No B-4-1127-43 dt 21-9-44

In his letter cited above the DA has stated that almost all (buildings as) articles in the list I to IV and list No VI are required by the Agrl Dept. He is requested to explain in detail the necessity for the buildings and the articles which he considers essential for

his dept wrt reference to the actual
measurements of the several individual
pieces ~~of his dept~~

2.11.44

To Me SA

RD Thomas

Rolman 30/11/44

" 8/1/45

AGRICULTURAL DEPARTMENT.

From
Rao Bahadur B. Viswa Nath,
C.I.E., B.Sc., F.I.C.,
Director of Agriculture,
Madras.

To 2421
The Additional Secretary
to Government,
Development Department,
Madras.

No.B.4.9127/43 dated 9th Jan., 1945.

Sir,

Sub: IMPERIAL COUNCIL OF AGRICULTURAL RESEARCH--Dry Farming Scheme--Hagari--Termination of--Disposal of articles left over.

Ref: Government Memo. No.35863 AII/44-5 dated 30th October, 1944.

I enclose a list of buildings and other articles

P.T.O.

(of the Imperial Council of Agricultural Research) required by the different officers of this department indicating the reasons showing how they are essential for the officer requiring them

Your obedient servant,

for DIRECTOR OF AGRICULTURE.

V.K.10/1/45-a.

List of articles required by the Agricultural Research Station, Nagari.

30 DEC 1944

Serial No. of list.	Name of article.	Present value Rs.	as.	ps.	Remarks.
1.	Laboratory	9,763	0	0	
2.	Seed drying floor	362	0	0	
3.	Threshing floor	696	0	0	
4.	Plot cultivation enclosure	255	0	0	
5.	Store and weighing room	899	0	0	
6.	Pot culture house	345	0	0	
7.	Steel staging with water tank	868	0	0	
8.	Block of six quarters	822	0	0	
16.	Stepenson's screen - old	62	1	2	
17.	Maximum thermometer. °C	31	5	11	
18.	Minimum thermometer. °F	17	6	5	
19.	Dry bulb thermometer. °C	4	3	2	
20.	Wet bulb thermometer °F	4	3	2	
21.	Wind vane	12	0	4	
22.	Maximum thermometer °F Nagrti and Zambra	12	0	0	
23.	Raingauge, measuring cylinder	1	8	0	
24.	Water taps, swan neck, 3 way	14	9	3	
25.	-do- 1 way	4	5	0	
26.	-do- small ordinary	2	3	7	
27.	Gas taps - 4 way	4	13	9	
28.	-do- 2 way	8	15	6	
1-1.	Teak work table with combination sink and drainer	115	0	0	
2.	Teak wood tables 10 ft x 4 ft x 3 ft.(2)	326	0	0	
3.	Glazed almirahs - 6½' x 6' x 1½' (5)	400Ø	0	0	
4.	Fume cupboards 4' 1" x 2' 10" x 8' 6" (1)	118	0	0	
1-33.	Dictionary of scientific terms.	4	13	0	
34.	Methods of statistics	3	15	0	
35.	Glossary of Botanic terms	4	2	0	
36.	Principles of genetics	6	3	0	
37.	Plant Physiology	12	5	0	
38.	Text book of plant physiology	7	1	0	
39.	Environment for plant development	6	15	0	
40.	The plant in relation to water	6	1	0	
41.	Virus diseases of plants	1	10	0	
42.	Recent advance in plant physiology	5	9	0	
43.	Plant ecology	9	10	0	
44.	Root development of field crops	5	12	0	
45.	Physiological plant anotomy	14	0	0	
46.	Methods in plant histiology	4	13	0	
47.	Madras detailed standard specification Vol1.	3	0	0	
48.	Adenda volume to the above with bridges plan	4	13	0	
49.	Agricultural geology of India	0	14	0	
50.	Five finger logarthms	0	6	0	
51.	The cultivated races in Sorghum	3	13	0	
52.	The design of experiments	3	11	0	
53.	Biological precesses, in tropical soils	2	3	0	
54.	Organic manures. (technical communication No 33)	0	10	0	
55.	Vernalisation and phasic development of plants Bulletin No. 17.	3	14	0	
56.	Plant socialogy	9	6	0	
57.	Protoplasm	12	8	0	
58.	Introduction to plant anotomy	7	5	0	
		26293	15	3	

X Wholly destroyed - C/No

Serial No. of list	Name of article.	Present value. Rs.	as.	ps.	Remarks
		B.F. 26293	15	3	
1.	Office clock	5	0	0	(e)
2.	Steel matting	7	0	0	
3.	Sparling padlocks	6	0	0	
4.	Leather tappal bag	3	0	0	
5.	Teak wood glazed notice boards	5	0	0	
6.	Punkah	12	0	0	
7.	Teak wood side racks	13	0	0	
8.	Teak wood flask rack	21	0	0	
9.	Teak wood rattan seated chairs (4)	18	0	0	
10.	Teak wood work table 12' x 2½' x 2½'	46	0	0	
11.	Teak wood work tables 10' x 2½' x 2½' (10)	455	0	0	
13.	Teak wood stools rattan seated (4)	13	5	4	
15.	Teak work tables 10' x 3' x3' (3)	154	8	0	
		27052	12	7	

Note:- (a) Buildings There is no laboratory on the station except the one built out of Imperial Council of Agriculture's funds. During the last 10 years the work of the Agricultural Research Station Nagari has considerably increased and necessary staff have been posted. There are no quarters other than the quarters in this list, to house them. It is therefore necessary to acquire all the buildings and constructions listed above for the continueance of the work of the Nagari Station. It will not be possible to newly construct buildings during these days at reasonable cost and therefore these have been proposed to be acquired.

(b) This group consists of common meteorological apparatus fixed up in the field observatory. As meteorological observations are an essential part of the station work these will have to be acquired for the station.

(c) These are items of heavy furniture which form part of the necessary laboratory equipment. It will not be possible to manufacture, newly, the required heavy furniture for the laboratory, owing to the scarcity of good wood and the prevailing high cost. These will therefore have to be acquired for the laboratory.

(d) The books have been listed under this group. These books are ~~xxxxxxxxx~~ on plant breeding and allied subjects required for reference at the Station.

(e) These are items of stationary and small equipment for the laboratory. New articles of this type are not obtainable in the market at present. As the articles are necessary for the staff working in the laboratory for their seating accomodation etc, it has been proposed to acquire these second hand articles.

List of articles required by the Government Agricultural Chemist for the Soil Physicist Coimbatore.

Serial No of list.	Name of articles	Present value Rs.	as.	ps.	Remarks.
pp. 17 & 19 — Loan					
11. 1.	Hellige comparator with 8 discs and 8 bottles for indicators.	45	15	11	(a)
2.	Alluminium screw cap tins	110	7	5	
3.	Analytical balance bunge	149	5	4	
4.	Sunshine recorder	327	0	7	
5.	Assman's psychrometer	94	8	0	
63.	Porus plates unglazed	0	12	10	
64.	Teak wood stand for CO2	1	12	0	
65.	Wooden hammer.	0	4	10	
66.	Compressed cork ring	0	8	0	
67.	Two way distribution - y (brass)	4	9	6	
68.	Improved foot bellows.	12	0	0	
69.	Cork presser-whell patern	3	0	6	
70.	Nickel spatula with spoon	1	10	10	
71.	Tripod stands 8" ht. 6" diameter	1	8	0	
72.	-do- 6" ht. 4½" diameter	0	12	10	
73.	Retart stands 24" x 8" x 5"	2	10	5	
74.	do 36 x 15" x 6"	1	12	10	
75.	do 18" x 6" x 5"	1	0	10	
76.	do rings 4¼"	0	12	0	
77.	do rings 3¼"	0	9	7	
78.	do rings 2¼"	0	8	9	
79.	Retort stand clamps with double boss heads. NO.1	1	1	0	
80.	do jaws 3¼"	2	0	0	
81.	do NO.2	2	5	4	
82.	do .NO. 3	2	13	0	
83.	do without boss heads.	4	13	5	
84.	do NO.527	2	5	7	
85.	Glass troughs 14" dia. 6" height	8	11	6	
86.	Flexible metalic copper tube	1	4	0	
87.	Water bath rings copper. 8 perset.	2	3	2	
88.	Calcium chloride tubes with 1 bulb.	0	8	0	
89.	Graham's condenser	2	7	0	
90.	Pallette knives. 20 c.m.	2	14	10	
91.	Diamond pencil.	0	10	5	
92.	Shocking medical coil	4	8	0	
93.	Nickel spatula	1	13	6	
94.	Binding screws big.	1	2	0	
95.	do small.	0	13	6	
96.	Palatte knives. valcanite	1	6	6	
97.	Wire gauge iron 6" x 6"	0	3	9	
98.	Funnel stand for 2 funnels	6	9	7	
99.	Test tubes - pyrex.	0	9	2	
100.	I.T. stand with 8 draining pegs	0	8	3	
101.	Copper funnel	0	4	3	
102.	Seamless boxes Brass 2¼" x 1¼"	9	13	7	
103.	Deal wood trays	0	4	0	
104.	Iron stand for kjeldnall digestion	3	3	2	
105.	Iron stand for decemal balance 2½2x2½"x2½"	3	6	5	
106.	Tongs 9" - 0.750	0	14	5	
107.	Iron stand with teak wood planks for pot culture experiment.	18	6	5	
108.	P.B. porcelain basins. 14 c.m.	2	4	0	
109.	Test tube good quality	0	6	0	
110.	Measuring cylinder 1000 c.c.	1	12	2	
111.	-do- 250 c.c.	0	7	11	
112.	-do- 100 c.c.	0	9	1	
113.	-do- 50 c.c.	0	4	0	
114.	-do- 10 c.c.	0	15	3	
115.	Navalier basins 5 c.m.	1	2	10	
		856	14		

Serial no. of list.	Name of articles	Present value Rs.	as.	ps.	Remarks.
p/220-220		856	14	-	
11 116.	Kavaliers basins 9 c.m.	1	2	0	
117.	Burette glass stoppered 50 c.c.	3	8	0	
118.	Burette 2-way-stop cocks.	4	3	8	
119.	Burette stoppers broken but useful as rubber stopped ones.	2	15	9	
120.	Burette clips - big.	3	0	0	
121.	-do- small.	2	0	0	
122.	Pinch cocks.	0	11	9	
123.	Filter pump - Kortings	3	3	2	
124.	do Finkner	1	2	0	
125.	do German	1	0	0	
126.	Aspirator bottles - 4½ litres	0	9	4	
127.	do - 4 do	7	4	3	
128.	Buchners funnels 4.25 c.m.	3	14	6	
129.	Magnito Lucas	4	0	0	
130.	Beakers - 1000 c.c.	1	7	6	
131.	do 600 c.c.	3	7	10	
132.	do 400 c.c.	3	11	8	
133.	do tall form 250 c.c	2	8	10	
134.	Silica crucibles with lids.	2	11	0	
135.	do do	7	6	2	
136.	Pipe clay triangles.	0	1	2	
137.	Conical flasks 250 c.c.	1	3	2	
138.	do 500 c.c.	2	14	11	
139.	do 750 c.c.	13	9	3	
140.	Glass funnels 5 c.m.	0	8	4	
141.	do 6.5 c.m.	0	14	2	
142.	do 7.5 c.m.	1	4	0	
143.	do 9 c.m.	1	2	1	
144.	Narrow mouth bottles 360 c.c.	1	9	0	
145.	do 500 c.c.	1	13	4	
146.	do Labelled HCL 360 c.c.	0	14	2	
147.	do Labelled H2 So4	0	9	5	
148.	do Labelled HN 03	0	13	10	
149.	do Bottles 3 litres.	3	7	0	
150.	Bell jar 30 cm ht. dia. 20 cms.	2	3	2	
151.	do with tubulure at top.	7	15	0	
152.	do 30 dia and 15cms. ht.	2	1	7	
153.	Round bottomed flask 1000 c.c. - 1.68	2	11	0	
154.	do 1500 c.c.	10	6	3	
155.	Flat bottomed flasks 1000 c,c.	2	12	11	
156.	do 1.56 - 500 c.c.	2	7	11	
157.	do 0.63 - 250 c.c.	1	0	2	
158.	Enamel basins	0	2	7	
159.	Burette clamp for 2 burettes	5	8	5	
160.	Burette stands without clamps	7	15	7	
161.	Oil cloth for glas plant	0	1	9	
162.	Physical balance with case.	54	15	11	
163.	Weight box 1 m gm to 100 gms.	17	5	3	
164.	Squat form weighing bottles.	17	5	4	
165.	Copper water bath with extra glass parts.	18	9	7	
166.	extra glass parts ~~xxkxxxgkxxx~~ alone.				
167.	Kjeldahl flasks - 600 c.c.	5	7	10	
168.	Aluminium scoops 2⅔"	0	15	9	
169.	do 3¼"	1	8	1	
170.	Agate morter and pestle	6	6	0	
171.	Bulb safty for discharging into flasks.	2	11	11	
172.	Distillation splash heads with safety valves	4	11	8	
173.	Condenser liegibs 30 cms.	0	8	0	
174.	do 25 cms.	2	3	9	
175.	do 60 cms.	1	0	0	
176.	do G.I. small	0	15	0	
177.	do Big	0	9	7	
178.	Galvanised iron tubes 1 ft.	2	4	0	
179.	Filter flasks 250 c.c.	1	12	10	
180.	Calcium chloride tower 16" ht. x 2½"	2	2	6	
		1134	4		

List B. Continued.

Serial no of list.	Name of articles	Present value Rs.	as.	ps.	Remarks.
		1134	4	6	
181.	Crucibles and covers glazed 2.6 cms.	1	2	11	
182.	Goosh crucibles 2.7 x 3.0 cms.	1	6	5	
183.	do 1½"	1	3	2	
184.	do 3.8 cms.	2	14	5	
185.	Glass adaptors for above	0	12	0	
186.	Rubber rings for the above	0	9	7	
187.	Porcelian crucible	4	0	8	
188.	G.I. Evoporimeters	5	15	4	
189.	Brass tube with piston arrangement.	1	11	0	
190.	Spare glass tubes for above	0	14	0	
191.	Iron wind screens	0	14	3	
192.	Evaporimeter piche	3	12	0	
193.	Kipp's apparatus 500 c.c.	4	12	10	
194.	Measuring flask 1000 c.c.	9	13	9	
195.	do 500 c.c.	4	7	9	
196.	do 250 c.c.	1	13	5	
197.	do 100 c.c.	2	6	0	
198.	Stop cocks 9" long 6 mm bore.	9	9	7	
199.	do 2mm bore.	4	12	10	
200.	do (T) pattern.	6	6	5	
201.	Bottles glass stoppered - wide mouthed 250 c.c.	0	14	0	
202.	do 360 c.c.	4	0	5	
203.	do 500 c.c.	0	9	10	
204.	Dropping bottle - white	0	1	9	
205.	Nessler glasses - two marks	7	5	2	
206.	Sieves 2 mm	2	9	9	
207.	do 1 mm	2	9	9	
208.	do 100 meshes	5	3	6	
209.	Nesler tube stand	1	2	0	
210.	Wash bottles with ground in stopper	1	10	5	
211.	Morter and pestle porcelain	1	9	5	
212.	Cork borer apparatus with 15 borers	35	1	7	
213.	Cork borer sharpner	1	8	2	
214.	Cork screw and tin cutter	0	6	4	
215.	Copper electrodes	2	9	3	
216.	Water bath, copper, six holled	12	0	0	
217.	do covers, glazed 8 per set	8	1	3	
218.	Box wodd - rule, - half meter.	0	10	5	
219.	Flat bottom porcelain basins 8.5 c.m.	6	1	2	
220.	Steel rule 1' long.	0	15	7	
221.	Thermometers 10° to 50° C.	1	0	9	
222.	do 0 to 360° C.	1	0	2	
223.	do 0 to 200° C.	2	5	4	
224.	do paper scale 0 to 100° C.	0	7	2	
225.	do 0 to 110° C.	0	8	5	
226.	Sylica basins. 2½"	4	11	7	
227.	do 3½"	6	4	10	
228.	Pipettes. 5 c.c.	0	4	10	
229.	do 10 c.c.	0	5	7	
230.	do 20 c.c.	0	7	2	
231.	do 25 c.c	0	7	11	
232.	do 50 c.c.	0	9	8	
233.	do 100 c.c.	0	14	5	
234.	do Graduated 5 c.c.	0	14	5	
235.	do two way mechanical analysis 20 c.c.	2	12	10	
236.	Flexible steel rule.	3	0	10	
237.	Burette stand for two burettes	10	3	9	
238.	Flat bottomed porcelain basins 22.5 cms.	3	6	11	
239.	Watch glasses 5 cms.	0	4	0	
240.	do 7.5 cms.	0	6	4	
241.	do 9 cms.	0	7	4	
242.	do 10 cms.	3	9	1	
243.	do 15 cms.	1	6	8	
244.	Ground glass covers. 7.5 cms.	0	3	2	
245.	do 9 cms.	0	2	4	
246.	do 10 cms	0	4	0	
		1345	6	1	

LIST B. Continued.

Serial no of list.	Name of articles	Present value Rs.	as.	ps.	Remarks
		1345	6		
11 247.	Ground glass covers 15 cms	0	10	8	(a)
248.	Nassal scissors	0	3	0	
249.	Aluminium pie dishes 10"	3	9	11	
250.	Screw top bottles 2 lbs.	19	2	2	
251.	U tubes with stop corks. 4½" x ½"	7	3	2	
252.	Stone ware part 5" x 5"	0	9	7	
253.	Soil samplers without hammer.	16	8	9	
254.	Graduated jar plain top 1000 c.c. with rubber bungs.	7	8	9	
IV 1.	Determination of H. I ons	9	8	0	(b)
2.	Physical properties of soil.	6	0	0	
3.	Soil conditions and plant growth.	6	0	0	
4.	Tables of physical and chemical constants.	4	0	0	
5.	Manual of Agricultural Chemistry	4	0	0	
6.	Agricultural Geology	2	13	0	
7.	Systematic qualitative analysis	1	8	0	
8.	The analyst's laboratory companion	3	5	5	
9.	Physico-chemical methods	11	3	2	
10.	Mathematical and Physical tables.	0	3	9	
11.	Soil characteristics	4	12	10	
12.	Soils, their formation, composition and relation to climate and plant growth in humid and arid regions	6	10	5	
13.	Geology of India	5	11	2	
14.	Laboratory manual of colloid chemistry	5	1	1	
15.	Soil physics and management	3	12	3	
16.	PH and its application	4	10	2	
17.	Colloid symposium Vol III	10	10	9	
18.	Official and tentative methods of analysis of the assosiation of official agricultural chemists	11	3	2	
19.	Principles of agrobiology	6	10	2	
20.	Soil analysis A hand book of physical and chemical methods.	3	12	3	
21.	Aims and methods in the study of vegetation	4	8	8	
22.	Scientific study of the soil	2	5	10	
23.	An introduction to the biochemistry of nitrogen conservation	3	15	6	
24.	Analytical chemistry Vol 2	9	8	0	
25.	Advanced practical physics	6	13	2	
26.	General Physics	2	14	10	
27.	Electricity in home and farm	4	4	9	
28.	Structure and properties of matter	7	4	0	
29.	Weather and Agriculture	0	13	0	
30.	General properties of matter	5	13	7	
31.	Organic chemistry parts 1 and 2.	2	12	5	
32.	do part 3.	1	15	2	
		1565	6	7	

Note:- These laboratory articles are specially intended for work in Soil Physics. As it is now continuing at Coimbatore, it is proposed to transfer the apparatus for the use of the Soil Physicist. The books are also required for his use being those on soil physics and allied subjects. The Government Agricultural Chemist under whom the Soil Physicist is now working, therefore proposes to acquire these articles.

List C.

List of articles required by the Agronomist Siruguppa.
(for Soil moisture work.)

Serial no of list.	Names of articles.	Present value Rs.	as.	ps.	Remarks.
6.	Aluminium screw cap tins	32	10	6	
7.	do	69	6	0	
8.	Soil samplers (King's)	47	1	10	
9.	Trollies	60	5	11	
10.	Steam ovens	113	5	4	
29.	Desiccator 12" diameter	18	0	0	
30.	do 18" diameter	16	0	8	
31.	Porcelain plates for above	3	2	6	
32.	Desiccator with porcelain plate	9	11	6	
33.	Desiccator with tubulare at side vaccum	11	4	4	
34.	Stohmann's flask 1000 c.c.	16	0	0	
35.	Potash basins 7 cms	1	2	0	
36.	Potash basins 7.5 cms.	0	10	7	
37.	Beakers 150 c.c. pyrex	0	13	6	
38.	Beakers 250 c.c. pyrex	11	3	6	
39.	Measuring cylinders 1000 c.c. with rubber bangs	15	1	0	
40.	Filter flasks one litre	1	12	10	
41.	do Bonomian glass	1	12	1	
42.	do pyrex glass	5	11	6	
43.	Buckner funnels 15 cms	7	3	2	
44.	Petrol tins	1	9	7	
45.	Big sized burners	12	0	0	
46.	Titration bench	20	0	0	
47.	Claisson's distillation flask 100 c.c.	6	7	3	
48.	Flexible metalic steel tube.	1	8	0	
49.	Gas tap 3 way	3	4	0	
50.	Soap trays	0	3	6	
51.	Lead weights	2	7	2	
52.	"Y" tubes small	0	1	9	
53.	"Y" tubes big	0	7	6	
54.	"T" tubes big	0	7	6	
55.	Teak wood burette stand for 12 burettes	4	5	3	
56.	Ston ware parts 10" x 10"	1	0	2	
57.	Glazed cylinderical pots 10" x 10"	25	6	1	
58.	woulfe's bottle 2 necked	1	0	5	
59.	Winchester quart bottles 100 oz	11	6	9	
60.	do 80 oz	4	4	0	
61.	do 2 litres	6	15	7	
62.	Teak wood stand for drainage experiments	10	8	0	
		547	13	3	

Note:- These are laboratory articles required by the Agronomist at Siruguppa for the newly started soil moisture investigation under the Thungabhadra project and they are not obtainable in the market at present.

List of articles required by the Assistant Cotton Specialist, Siruguppa.

Serial No. of list.	Name of articles	Present value Rs.	as.	ps.	Remarks
Sabarmati					
VI. 12.	Teak wood queen anne arm chairs (2)	14	0	0	~~(a)~~
13.	Teak wood stools rattan seated (2)	6	10	8	
14.	Teak wood tables with six drawers	42	0	0	
15.	Teak wood work tables 10'x 3'x 3' (2)	103	0	0	
		165	10	8	

Note:- These are articles of furniture necessary for the newly opened cotton laboratory at Siruguppa for Cambodia cotton work. They are urgently required for use at Siruguppa. Good and durable furniture cannot be manufactured in these days at low cost. The rates quoted by the superintendent Central jail, for furniture are too high to be met within the budget allotment. It is therefore proposed to acquire these articles.

LIST F. E.

List of Articles required by the Government Mycologist.

Serial no. of list.	Names of articles.	Present value Rs.	as.	ps.	Remarks.
#17 a 26 taken					
11 14.	Stove "Prabhakar"	4	9	7	
15.	Davies still with gas burners and screen	15	8	3	
260.	Kropp razor - non hallow ground	2	8	0	
		22	9	10	

Note:- These are common laboratory articles of low value and will be purchased, if the Imperial Council of Agricultural Research do not want them.

L I S T of F.

List of Articles required by the Millet's specialist.

Serial no of list.	Names of articles.	Present value. Rs.	as.	ps.	Remarks.
F 259.	Pocket lens - carlzeiss - X10 in bakelite casing	9	3	0	

Note:- This pocket lens is required for assistants newly posted. This is a lens of good quality and cannot now be purchased outside. So this lens is proposed to be purchased.

LIST H. 6

of

List/articles not required.

Serial no of list		Names of articles.	Present value Rs.	as.	ps.	Remarks.
11	11	Wagner's Shaking apparatus.	147	5	3	
	255.	Copper constant thermo couple-meter long dia 37 mm. (witnout galvanometer)	4	1	0	
	256.	Photo printing frame - Half plate size 6¼" x 4½"	2	5	0	
	257.	Developing dish celluloid 9½"x7½"	1	6	0	
	258.	Teak wood erosion frames 72"x24"x4"	24	9	0	
			179	10	3	

Note.- These articles, if they are also not wanted by the Imperial Council of Agricultural Research will be sold in auction.

6 2.6.23

A 97052 — 12 — 7 — 1

B. 1561 6 — 7 — 2

C 547 — 3 — 3 — 0

D 165 — 10 — 8 — 4

E 92 — 9 — 10 — 5

1 — 0 — 6

29363 — 7 — 11

VII

Letter No 35863 AII/44-7 dt 20-1-45

From:

The Secretary,
I. C. AR., New Delhi

To

Sir,

Sub:- Agri- I. C. AR - Dry farming Research Scheme, Radar-Termination - Disposal facilities Regd.

Ref:- This Govt letter No 35863 AII/44-6 dt 30-1-45 & 35863 AII/44-6 dt 14-12-45

I am to enquire when a reply may be expected

Yours

No.F.114(3)/44-G.

Imperial Council of Agricultural Research, 20316 A II/45
New Delhi, the 28th March 1945. 2.4.45

From

Rai Sahib S.C. Sarkar, B.A., Secretary.

To

The Secretary to the Government of Madras, Development Department, Madras.

Sub:- Disposal of articles left over from research schemes financed by the I.C.A.R.

Sir,

With reference to your letter No.35863 AII/44, dated 30th October 1944, I am directed to say that the articles mentioned in lists I and V enclosed therewith may be taken over by the Government of Madras for the Department of Agriculture and the Dry Farming Developmental Research Scheme respectively and to request that the sale proceeds of the articles mentioned in list I, may please be remitted to this office preferably by Remittance Transfer Receipt as soon as possible. The cost of the articles mentioned in list V, may also please be debited to the Dry Farming Developmental Research Scheme by per contra credit to the Council's funds.

2. It is regretted that the articles mentioned in lists II, III and IV cannot be spared as these are required by the Council for the Tobacco Scheme. It is requested that these articles may be retained for custody by you for the present.

I have the honour to be,
Sir,
Your most obedient servant,

H.C. Thapar
for Secretary

AGRICULTURE - I.C.A.R - Dry Farming Research Scheme, Hagari, Madras - Purchase of buildings and certain articles left over - Sanctioned.

Read: G.O. Ms.No.682 Dev. dated 27-3-1942.

G.O. Ms.No.1307 Dev. dated 29-6-1943.

From the D.A. No. B-4-1127-43 dated 21-9-1943.
From the D.A. -do- dated 9-1-1945.
From the I.C.A.R. No. F114(3)/44-G dated 28-3-1945.

G.O. MS. NO. 2066 DATED 29-5-1945

1. H.E. the Governor of Madras sanctions with th approval of the I.C.A.R. the purchase by the D.A. of the buildings and the articles ~~mentioned~~ mentioned in the Annex to this Order 'A' and B' respectively left over from the I.C.A.R. which terminated on 30.6.43 Scheme of Dry Farming Research, Hagari at a total cos of Rs. 24,067 (Rupees twenty four thousand and sixty seven only) for the use of the Madras Agrl. Department. Th D.A. is requested to remit to the Council a sum of Rs. 24,067 by Reserve Bank of India Govt. drafts.

2. Sanction is also accorded to the purchase of the articles mentioned in the annexure 'C' at a cost of Rs. 384 (Rupees three hundred and eighty four only for utilization in the I.C.A.R. Scheme of Dry Farming Developmental Research, Madras which is now running. The D.A. is requeste to ~~see that~~ debit the cost ~~is debited~~ to the Dry Farming Development Research Scheme, Madras, by per contra cred to the Council's funds.

3. The expenditure sanctioned above should be debited to "40-Agriculture". The D.A. is requested to submit in due course proposals for a supplementary statement of expenditure for authorization by H.E. the Governor. Pending provision of funds the A.G. is requested to admit the expenditure in audit.

4. The D.A. is informed that ~~the articles in~~ the ICAR has agreed that the other articles left over from the Dry Farming Research S ~~Lists II, III and IV~~ cannot be spared as they are ~~RE~~ required for the Tobacco Scheme. ~~Pending instructions from the Council these articles should be retained.~~

16545

To the A.G. thro' Fin
(with encls.)
To the Secy. I.C.A.R.
New Delhi.

(3-4-cf)
C.B. endg. (para 3) 1-2-46
Endt. No. item 217
Fin. C.B. Mad. 3.2.46
1 : 5

ANNEXURE 'A'

List of buildings left over from the I.C.A.R. Scheme of Dry Farming Research, Hagari, to be purchased by the Government of ~~Bombay~~ Madras.

S.No.	Name of building.	Net Value Rs.
1	Laboratory	9,763
2	Seed Drying Floor	362
3	Threshing floor	696
4	Plot cultivation enclosure	255
5	Store and weighing room	1,899
6	Pot culture house .	345
7	Block of 6 quarters	9,822
	TOTAL	23,142

ANNEXURE 'B'

List of ~~stationery~~ articles and office equipment (below Rs. 100 each) left over from the Dry Farming Research Scheme, Hagari to be purchased by the Government of Madras.

S.No.	Name of articles	Quantity	Value Rs.
1	Office clock	1	5 0 0
2	Steel matting	3	7 0 0
3	Sparling padlocks	6	6 0 0
4	Leather tapal bag	1	3 0 0
5	Teakwood glazed notice boards	2	5 0 0
6	Punkah	1	12 0 0
7	Teakwood side racks.	2	13 0 0
8	Teakwood flask rack	1	21 0 0
9	Teakwood rattan seated chair	4	18 0 0
10	Teakwood work tables 12' x 2½' x2½'	1	46 0 0
11	Teakwood work tables 10' x 2¼'-x- 2¼'	10 at Rs. 45/- each	450 0 0
1	Teakwood Queen Anne arm chair	2	14 0 0
1	Teakwood steels, rattan seated	6	20 0 0
1	Teakwood table with 6 drawers	1	42 0 0
15	Teakwood work tables 10' x 3' x 3' 51-8-0 each	5 at Rs.	257 8 0
			924 8 0
	TOTAL		925 0 0

ANNEXURE C

List of articles left over from the Dry Farming Research Scheme, Hagari, to be purchased for use in the Dry Farming Developmental Research Scheme, Madras.

S.No.	Name of articles	Quantity	Value.
1	Office clock	1	5 0 0
2	Sparling padlocks	6	6 0 0
3	Petromax light	1	6 0 0
4	Despatch box	1	12 0 0
5	Table book cases	3	4 0 0
6	Teakwood revolving chair	1	27 0 0
7	Teakwood typewriter chair	1	5 0 0
8	Teakwood Queen Anne arm chair	2	14 0 0
9	-do- table with four drawers.	1	33 0 0
10	Teakwood clerk's table 4' x 2½' x 2½'	1	18 0 0
11	Teakwood typewriter's table	1	22 0 0
12	Teakwood side racks	2	13 0 0

13	Teakwood stationery cabinet	2	6	0	0
14	Teakwood rattan seated chairs	3	14	0	0
15	Teakwood bench 6' x 1½' x 1¼'	1	7	0	0
16	Typewriter Remington No. 16 (much used)	1	144	0	0
17	Drill cloth bags -- (much used.)	37	48	0	0
		TOTAL	384	0	0

NOTE FILE

Subj:- Agri:- I.C.A.R.:- Dy. Farming Research Scheme, Hagari:- Articles etc left over:-

Disposal of:-

Ref:- Letter from the DD No. B-4-112/43 Dy. 16-6-43.

The Madras Dry Farming Research scheme at Hagari, terminated on 30-6-43. The D.A. has submitted a list of buildings constructed and list of articles purchased out of the funds of the I.C.A.R. whose purchase price is over Rs 100/- with reference to the instructions of the D.C.M. in his letter dated 24-7-43. The D.A. has also submitted proposals for purchase of them by the Agri. Dept. He has also furnished list of articles whose purchase price is below Rs 100/- and has suggested that them may ~~also~~ be ~~sold~~ purchased by the Dept to be used for the

Dry Farming Developmental Scheme
Sanctioned vide Govt Rs no. 1307 Dev 8.89-6-63- 1/1/63
Before proceeding to examine the D.P's
proposals his attention may be drawn
to the revised orders & instructions received
from the D.C. Rawalpindi vide letter dated
20-6-64 (Copy) he may be asked to submit
revised proposals & Draft PC-I in
submitted for approval

Govt of Pak No 3886 AE/46-1 dt 10-5-46

C No 55702 AE/46 Govt of Pak D.A No R-6-1127-

P. See the D.A's reply at pp 13-14 C.F. to the D.M. at p 11 C.F. He has submitted revised lists of articles of the Dry Farming Research Scheme to be disposed of

Articles in the list I & IV

The D.A. says that all articles in these lists except four (Serial Nos. 11, 255-6258) in list II are required by the D.A. & he & request that the Council may be addressed to spare them to this Govt if possible. D.C. states that the articles should be required by the D.C.R. can spare them. Not to clear whether the Govt will agree with the D.A. and the D.C.R. addressed to spare the articles.

The D.A. has stated that the articles not required by this Govt and the D.C.R will be sold in public auction and the sale proceeds credited to the Council. The Council may be informed accordingly.

Articles in list V

The D.A. says that these articles are required for the Council's Dry Farming Developmental Research scheme and requests that the Council may be addressed to accord permission for these use in that scheme and that the disposal of these articles may be taken up after the termination of the scheme in 1946. The Council may be ~~addressed~~ informed accordingly.

Articles in list VI

These articles are of value below Rs 100/- each and this list need not be sent to the Council. The total present value of these articles comes to Rs 925/- only. The D.A requests that sanction may be accorded

the purchase of these articles for use by the Agrl Dept. Pls orders whether the Govt will sanction their purchase.

Draft letter to the I.C.A.R. is submitted for approval. This may see

13

13

Dev. v.o. no. 35863 A-II/44-2

6.10.44

(with ad-g.c. no 43698 A-II/44)

Finance (Exp A)

51063 S

Instl	1	25 C.S.
	2	3262
	3	
	4	320
	6	2.5
		30467

Please see the D.A's letter on pp 13-14 C.F. and the draft letter put up by Dept. The total value of the all the buildings and articles proposed to be purchased from the I.C.A.R comes to Rs 30,467 (Columns) the D.A has shown in the remarks of his Statements on pp 17-25 & 29 C.F., the places where the articles will be used after purchase. It is submitted that the proper course would seem to be for the D.A to justify the need for the buildings and articles in detail with reference to the existing position of the several individual offices and obtain the sanction of the Govt for the purchase of such of articles etc as are absolutely necessary. Instead, to take out en bloc the whole lot of buildings and articles left over by the I.C.A.R after the termination of a Scheme, seems to suggest that the necessity for the articles by the Agri Dept is not proved. The I.C.A.R themselves don't seem to have a mind to

dispose of the articles of Scientific value etc... Hon may therefore suggest that the five lists may be forwarded to the ICAR with the remark that this Govt intends be given the first refusal in respect of the bulbous and other articles which are surplus to the requirements of the ICAR or may become so in the near future Meanwhile the D-A may be asked to explain in detail the necessity for the bulbous and articles which he considers essential for his deptt

2. If as proposed by the D-A purchase of the bulbous & other articles are made in the current year, he says that necessary funds will be made in the revised estimate but queries if may be pointed out to the D-A that the revised estimate will be no authority for his assumption that funds have been provided and that he can incur the expre. If the D-A proves the necessity for the bulbous and other articles referred to them and if the ICAR agrees to sell them to this Govt the proposal for the purchase ~~it~~ of more than Rs 1 lakh will have to be treated as a New Service as the cost of the bulbous alone exceed Rs 10,000. Orders in full circulation and IFE's authorisation the necessary Supplementary

sotmiah will be necessary. The A.G. will have to be asked to admit the expenditure on audit pending provision of funds

18.10.44

NRV 19.10.44

21.10.46

61950 A II/44

Dev Dept 23/10/44

ADDITIONAL

Financial note on pp 4-6 above. Revised draft letter is submitted for approval.

Draft memo to the Dir is also submitted for approval w.r.t portion 'y' in Fin. note at p 5 above

Issued on L/ No 35863 A II/44-4 dt 30-10-44

Issued on L/ No 35863 A II/44-5 dt 30-10-44

L/ No 2421 A II/45. Forwarded to A/ No B-4-117 dt 9-1-45

The reasons for acquiring the articles included in the list given on p 38 of the Agenda May 21

and the reasons for their essentiality at p 38 C.F. For orders whether these articles will be purchased for the use of the Station

Articles required by the Agrl Chemist - Pl see the list B at pp 39-42 C.F. and the reasons at the bottom of p 42 C.F. For orders whether these articles will be purchased for use by the Agrl Chemist.

Articles required by the Agronomist at Siruguppa Pl see the list C at 43 C.F. and the reasons at the bottom of p 43 C.F For orders whether these articles will be purchased for use by the Agronomist

Articles required by the A.S.O. Cotton Specialist, Siruguppa - Pl see the list D at 45 C.F. and the reasons for their essentiality at p 45 C.F. For orders whether these articles will be purchased for use by the A.S.O. Cotton Specialist at Siruguppa

Articles required by the Govt Mycologist Pl see the list E at p 47 C.F. and the reasons at the bottom of that page for order whether these articles will be purchased for use by the Mycologist.

Articles required by the Millet Specialist Pl see the list F on p 49 C.F and the reasons stated on that page for orders whether this article will be purchased for the Millet Specialist.

It is submitted that in the revised list sent now the S.A. has not mentioned about item 113 in list II at p 17 C.F. Perhaps this item is not needed now as it will be sold in auction by the I.C.A.R. does not -

require it.

The total cost on account of the purchase of the buildings, articles etc. comes to Rs. 29,363-7-11 excluding the Steel Staging with water tank & item 7 in list II - which is dealt with separately. Finance may see for remarks.

3. This submitted. If the buildings and articles referred to above can be purchased only if the I.C.A.R agrees to sell them. The Council has been addressed in the matter and its reply has not yet been received. A draft letter is submitted for approval.

4. After issue the file may be sent to Fin.

2/11/45 1/11/45

2 copies A.S. 2/11/45

Fin (Exp) dtd 1.11.45 × Immr. No. 35863 dtd 22/11/45

Immr. No. 35863 dtd 1-11-45 = F. F. F.

Finance (Exp A)

(Previous fin. note on pp. 4-5 above and the notes following.) The proposals of Govt on pages 6-7 above may be accepted. ~~Subject to~~ the ~~recommendation~~ Head. The purchase of buildings and articles will be restricted to what can be spared by the I.C.A.R.] If the I.C.A.R agree to let this Govt have their property (immovable & movable) in reply to this Govt's letter under ref. 31-32 C.F., the New Lease procedure referred to in para 2 on pp. 5-6 above will have to be followed by Govt

28 DEC 1945

From the I.C.A.R. No. F. 114(3)/44/G dated 28-3-1945.

(Previous notes need not be read.)

SUMMARY

The Madras Dry Farming Research scheme (ICAR scheme) at Hagari, terminates on 30-6-1943. Last year the D.A. forwarded a list of buildings constructed and lists of articles as noted below which have become surplus.

		Rs.
List I	Buildings and constructions.	25,010
List II	Apparatus and stores	3,443 (3263)
List III	Stationery and office equipment (above Rs. 100/- each..)	959
List IV	Books	310
List V	List of articles to be permitted to be used in the current Imperial Council of Agrl. Research scheme of Dry Farming. Developmental Research and whose disposal may be taken up at the closeof the scheme in 1946.	(384)
List VI	Stationery and office equipment (below Rs. 100/- each.)	925
		31,031

2. Lists I to IV:-- The D.A. stated that all the articles in these lists excepting a few items were required by the Agricultural Department and requested that the Council may be addressed to spare them to this Government if possible.

List V:-- The D.A. pointed out that the articles were required for the I.C.A.R. scheme of Dry Farming Development Research which terminates in March 1946 and desired that the Council should be addressed for giving permission to make use of them. No question of purchase arises here.

List VI:-- The articles comprised in this list, relate to stationery and office equipment, which are below the value of Rs. 100/- each, and it is open to this Government to dispose of the articles without the permission of the Council. The total value of all the articles in the list comes to Rs. 925/- roundly. The D.A. requested that sanction may be accorded to the purchase of the articles.

The total value of all the buildings and articles proposed to be purchased from the Council was estimated at Rs. 30,467/- and five lists were forwarded to the Council in October last with a request that this Government may be given the first refusal

in respect of the buildings and other articles which are surplus to the requirements of the I.C.A.R. or which may become so in the near future. The Council has now intimated (P. 53 c/f) that the articles mentioned in lists I and V may alone be taken over. The Council is now given permission to make use of the articles mentioned in lists II, III and IV as they are required for their Central Tobacco Scheme. At p 38 c/f. The Director has already explained the need for acquiring the buildings in list No. I. In another connection the Council has already agreed to the acquisition of steel staging with water tanks item 7 on page 15 c.f. (List I) - vide the letter of the I.C.A.R on page 7 c.f. (Y). The D.A. would have taken necessary action on the matter - C/A - orders on pp 9-10 c.f. of G.O. 430 Dev. dated 1-2-1945 The cost involved in the present proposal is as below:--

1) Acquisition of buildings:-- (Rs. 25,010) - Rs. 1865 the cost of steel staging with water tanks already acquired.

2) Purchase of stationery and office equipment Rs 925.

The Finance Department have advised that the proposal should be treated as a new service and orders in full circulation obtained. For orders whether the acquisition of buildings and the purchase of stationery will be agreed to + the procedure for debiting the cost under the Council's letter on pp 55 c.f. before circulation. Vigne

To A.S.

The summary from p. 9 above may be perused.

A draft order which explains the case is submitted for approval.

The proposal constitutes a 'new service' and orders in full circulation may be obtained. It has been accepted by Tn 10

16/5/45 16.5.45